Contents Volume 271

U. HELMKE (Würzburg, Germany) and P. A. Fuhrmann (Beer Sheva, Israel) Tangent Spaces of Rational Matrix Functions
HANSJÖRG LINDEN (Hagen, Germany) Bounds for the Zeros of Polynomials From Eigenvalues and Singular Values of Some Companion Matrices
A Varga (Wessling, Federal Republic of Germany) Computation of Coprime Factorizations of Rational Matrices 83
Y. S. Hung (Hong Kong) and Delin Chu (Chemnitz, Federal Republic of Germany) On Extended (J, J') -Lossless Factorization
L. Yu. Kolotilina (St. Petersburg, Russia) Eigenvalue Bounds and Inequalities Using Vector Aggregation of Matrices
ZHIZHENG ZHANG AND MAIXUE LIU (Henan, People's Republic of China) An Extension of the Generalized Pascal Matrix and Its Algebraic Properties
BISHAN LI (Regina, Saskatchewan, Canada), LEI LI (Aomori, Japan), MASUNORI HARADA, HIROSHI NIKI (Okayama, Japan), AND MICHAEL J. TSATSOMEROS (Regina, Saskatchewan, Canada) An Iterative Criterion for <i>H</i> -Matrices
J. A. DIAS DA SILVA, ROSÁRIO FERNANDES, AND AMÉLIA FONSECA (Lisboa, Portugal) The Covering Number of the Elements of a Matroid and Generalized Matrix Functions
WILLIAM J. TERRELL (Richmond, Virginia) An Input-Output Representation for Implicit Linear Time-Varying Systems
$\begin{tabular}{ll} Todd Coleman (Springfield, Ohio), Chi-Kwong Li \\ (Williamsburg, Virginia), Michael Lundquist (Provo, Utah), and \\ Thomas Travison (Saratoga Springs, New York) \\ Isometries for the Induced c-Norm on Square Matrices and Some Related Results$
G. M. L. GLADWELL (Waterloo, Ontario, Canada) Total Positivity and the QR Algorithm

Table of Contents continues

Contents Volume 271

U. HELMKE (Würzburg, Germany) and P. A. Fuhrmann (Beer Sheva, Israel) Tangent Spaces of Rational Matrix Functions
HANSJÖRG LINDEN (Hagen, Germany) Bounds for the Zeros of Polynomials From Eigenvalues and Singular Values of Some Companion Matrices
A Varga (Wessling, Federal Republic of Germany) Computation of Coprime Factorizations of Rational Matrices 83
Y. S. Hung (Hong Kong) and Delin Chu (Chemnitz, Federal Republic of Germany) On Extended (J, J') -Lossless Factorization
L. Yu. Kolotilina (St. Petersburg, Russia) Eigenvalue Bounds and Inequalities Using Vector Aggregation of Matrices
ZHIZHENG ZHANG AND MAIXUE LIU (Henan, People's Republic of China) An Extension of the Generalized Pascal Matrix and Its Algebraic Properties
BISHAN LI (Regina, Saskatchewan, Canada), LEI LI (Aomori, Japan), MASUNORI HARADA, HIROSHI NIKI (Okayama, Japan), AND MICHAEL J. TSATSOMEROS (Regina, Saskatchewan, Canada) An Iterative Criterion for <i>H</i> -Matrices
J. A. DIAS DA SILVA, ROSÁRIO FERNANDES, AND AMÉLIA FONSECA (Lisboa, Portugal) The Covering Number of the Elements of a Matroid and Generalized Matrix Functions
WILLIAM J. TERRELL (Richmond, Virginia) An Input-Output Representation for Implicit Linear Time-Varying Systems
$\begin{tabular}{ll} Todd Coleman (Springfield, Ohio), Chi-Kwong Li \\ (Williamsburg, Virginia), Michael Lundquist (Provo, Utah), and \\ Thomas Travison (Saratoga Springs, New York) \\ Isometries for the Induced c-Norm on Square Matrices and Some Related Results$
G. M. L. GLADWELL (Waterloo, Ontario, Canada) Total Positivity and the QR Algorithm

Table of Contents continues

Table of Contents continued

SHUHUANG XIANG (Xi'an, Shaanxi, People's Republic of China) AND
SHUWEN XIANG (Guiyang, Guizhou, People's Republic of China) Notes on Completely Positive Matrices
LADISLAV SKULA (Brno, Czech Republic)
Involutions for Matrices and Generalized Inverses
CHI-KWONG LI AND ROY MATHIAS (Williamsburg, Virginia) Generalized Eigenvalues of a Definite Hermitian Matrix Pair 309
ELSNER, R. NABBEN (Bielefeld, Federal Republic of Germany), AND
M. NEUMANN (Storrs, Connecticut)
Orthogonal Bases that Lead to Symmetric Nonnegative Matrices 323
AUTHOR INDEX